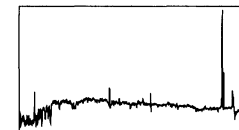
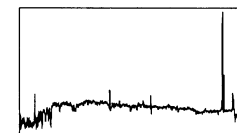
UT Date 2003-01-12 Observers M CalkinsColl. Focus 800 Grating/Grism 300

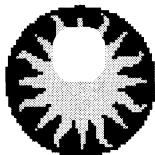
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	22:12	11:58:21.9	22:50:30	300	90	3.0	#64f Cluster I	4	
0011-0020.BIAS	0	1:24	01:25:14.5	+31:29:25	300	90	3.0	#64f Cluster I	4	
0021-0030.FLAT	6	1:28	01:28:30.7	+31:29:26	300	90	3.0	#64f Cluster I	4	
0031-0040.BIAS	0	1:30	01:30:42.4	+31:29:26	300	90	3.0	#64f Cluster I	2	
0041-0050.FLAT	12	1:34	01:35:31.1	+31:29:26	300	90	3.0	#64f Cluster I	2	
0051.M31	60	1:47	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0052.M31	60	1:48	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0053.COMP	12	1:50	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0054.ZAnd	2	1:53	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0055.ZAnd	5	1:54	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0056.ZAnd	15	1:55	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0057.COMP	12	1:55	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0058.cairnss_207	900	2:03	1:14:30.7	0:19:28	300	90	3.0	#64 Cluster In	2	
0059.COMP	12	2:18	1:14:30.7	0:19:28	300	90	3.0	#64 Cluster In	2	
0060.cairnss_208	900	2:20	1:15:3.6	0:24:18	300	90	3.0	#64 Cluster In	2	
0061.COMP	12	2:36	1:15:3.6	0:24:18	300	90	3.0	#64 Cluster In	2	
0062.cairnss_209	900	2:37	1:13:46.3	0:18:20	300	90	3.0	#64 Cluster In	2	
0063.COMP	12	2:53	1:13:46.3	0:18:20	300	90	3.0	#64 Cluster In	2	
0064.cairnss_121	720	2:58	4:29:44.5	-12:53:19	300	90	3.0	#64 Cluster In	2	
0065.COMP	12	3:10	4:29:44.5	-12:53:19	300	90	3.0	#64 Cluster In	2	

UT Date 2003-01-12 Observers M CalkinsColl. Focus 800 Grating/Grism 300

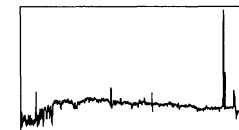
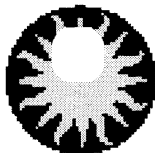
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.cairnss_122	420	3:11	4:32:29.1	-13:23:35	300	90	3.0	#64 Cluster In	2	
0067.COMP	12	3:19	4:32:29.1	-13:23:35	300	90	3.0	#64 Cluster In	2	
0068.cairnss_123	1200	3:20	4:33:38.7	-12:32:4	300	90	3.0	#64 Cluster In	2	
0069.COMP	12	3:41	4:33:38.7	-12:32:4	300	90	3.0	#64 Cluster In	2	
0070.cairnss_124	780	3:44	4:35:2.9	-12:53:51	300	90	3.0	#64 Cluster In	2	
0071.COMP	12	3:57	4:35:2.9	-12:53:51	300	90	3.0	#64 Cluster In	2	
0072.cairnss_125	720	3:58	4:33:39.6	-13:20:32	300	90	3.0	#64 Cluster In	2	
0073.COMP	12	4:11	4:33:39.6	-13:20:32	300	90	3.0	#64 Cluster In	2	
0074.sn2002fk	1200	4:17	03:22:05.7	-15:24:03	300	15	3.0	#2 SN Observat	2	row=72
0075.COMP	12	4:38	03:22:05.7	-15:24:03	300	15	3.0	#2 SN Observat	2	
0076.vso-47480	420	4:49	06:17:50.2	-5:22:04	300	-28	3.0	#112 Orion PMS	2	
0077.COMP	12	4:57	06:17:50.2	-5:22:04	300	-28	3.0	#112 Orion PMS	2	
0078.vso-48736	420	5:02	06:18:40.3	-4:44:48	300	-25	3.0	#112 Orion PMS	2	
0079.COMP	12	5:09	06:18:40.3	-4:44:48	300	-25	3.0	#112 Orion PMS	2	
0080.vso-57243	420	5:12	06:24:38.5	-4:49:30	300	-24	3.0	#112 Orion PMS	2	
0081.COMP	12	5:20	06:24:38.5	-4:49:30	300	-24	3.0	#112 Orion PMS	2	
0082.vso-57701	600	5:25	06:25:13.3	-5:22:48	300	-19	3.0	#112 Orion PMS	2	
0083.COMP	12	5:36	06:25:13.3	-5:22:48	300	-19	3.0	#112 Orion PMS	2	
0084.vso-59873	780	5:42	06:26:21.4	-4:53:09	300	-15	3.0	#112 Orion PMS	2	
0085.COMP	12	5:56	06:26:21.4	-4:53:09	300	-15	3.0	#112 Orion PMS	2	

UT Date 2003-01-12 Observers M CalkinsColl. Focus 800 Grating/Grism 300

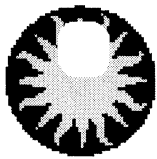
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.vso-64204	480	5:59	06:29:02.8	-4:50:17	300	-10	3.0	#112 Orion PMS	2	
0087.COMP	12	6:07	06:29:02.8	-4:50:17	300	-10	3.0	#112 Orion PMS	2	
0088.vso-65329	480	6:10	06:29:43.1	-4:55:49	300	-6	3.0	#112 Orion PMS	2	
0089.COMP	12	6:19	06:29:43.1	-4:55:49	300	-6	3.0	#112 Orion PMS	2	
0090.Hiltner600	70	6:25	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0091.Hiltner600	70	6:26	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0092.COMP	12	6:28	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0093.Hiltner600	70	6:30	06:42:37.2	02:11:25	300	-8	3.0	#56 Spectropho	2	
0094.Hiltner600	70	6:31	06:42:37.2	02:11:25	300	-8	3.0	#56 Spectropho	2	
0095.COMP	12	6:33	06:42:37.2	02:11:25	300	-8	3.0	#56 Spectropho	2	wait out some clouds
0096.cairnsk2_013	300	7:11	5:14:14.9	4:55:46	300	90	3.0	#64f Cluster I	2	
0097.COMP	12	7:17	5:14:14.9	4:55:46	300	90	3.0	#64f Cluster I	2	
0098.cairnsk2_015	360	7:19	5:3:52.9	6:23:34	300	90	3.0	#64f Cluster I	2	
0099.COMP	12	7:25	5:3:52.9	6:23:34	300	90	3.0	#64f Cluster I	2	
0100.cairnsk2_017	1200	7:26	5:22:5.3	8:35:50	300	90	3.0	#64f Cluster I	2	
0101.COMP	12	7:47	5:22:5.3	8:35:50	300	90	3.0	#64f Cluster I	2	
0102.cairnsk2_018	600	7:48	5:17:23.2	5:21:24	300	90	3.0	#64f Cluster I	2	
0103.COMP	12	7:58	5:17:23.2	5:21:24	300	90	3.0	#64f Cluster I	2	
0104.cairnsk2_019	300	7:59	5:21:51.8	6:17:8	300	90	3.0	#64f Cluster I	2	
0105.COMP	12	8:05	5:21:51.8	6:17:8	300	90	3.0	#64f Cluster I	2	

UT Date 2003-01-12 Observers M CalkinsColl. Focus 800 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0106.cairnsk2_020	600	8:06	5:21:55.4	3:38:41	300	90	3.0	#64f Cluster I	2	
0107.COMP	12	8:16	5:21:55.4	3:38:41	300	90	3.0	#64f Cluster I	2	clouds...
0108.cairnsk2_021	300	8:49	5:20:5.6	3:37:7	300	90	3.0	#64f Cluster I	2	
0109.COMP	12	8:55	5:20:5.6	3:37:7	300	90	3.0	#64f Cluster I	2	
0110.cairnsk2_022	1200	8:56	5:20:6.8	3:22:41	300	90	3.0	#64f Cluster I	2	
0111.COMP	12	9:17	5:20:6.8	3:22:41	300	90	3.0	#64f Cluster I	2	
0112.sn2003I	1200	9:23	09:27:29.4	03:55:45	300	-2	3.0	#2 SN Observat	2	try for more cnts...
0113.COMP	12	9:43	09:27:29.4	03:55:45	300	-2	3.0	#2 SN Observat	2	
0114.sn2003I	1200	9:44	09:27:29.4	03:55:45	300	-2	3.0	#2 SN Observat	2	
0115.COMP	12	10:05	09:27:29.4	03:55:45	300	-2	3.0	#2 SN Observat	2	
0116.sn2003D	1200	10:10	09:38:53.5	-04:51:5	300	20	3.0	#2 SN Observat	2	
0117.COMP	12	10:31	09:38:53.5	-04:51:5	300	20	3.0	#2 SN Observat	2	
0118.sn2003D	600	10:33	09:38:53.5	-04:51:5	300	90	3.0	#2 SN Observat	2	
0119.COMP	12	10:43	09:38:53.5	-04:51:5	300	90	3.0	#2 SN Observat	2	
0120.f183	780	10:46	10:10:40.3	+24:24:51	300	90	3.0	#135 Starburst	2	
0121.COMP	12	11:00	10:10:40.3	+24:24:51	300	90	3.0	#135 Starburst	2	
0122.f184	1200	11:01	10:10:37.2	+05:09:02	300	90	3.0	#135 Starburst	2	
0123.COMP	12	11:21	10:10:37.2	+05:09:02	300	90	3.0	#135 Starburst	2	
0124.MRK421	300	11:23	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0125.MRK421	300	11:28	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	

UT Date 2003-01-12 Observers M CalkinsColl. Focus 800 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0126.MRK421	300	11:33	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0127.COMP	12	11:39	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0128.f185	1200	11:40	10:22:24.0	+01:11:56	300	90	3.0	#135 Starburst	2	
0129.COMP	12	12:01	10:22:24.0	+01:11:56	300	90	3.0	#135 Starburst	2	
0130.MRK421	300	12:03	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0131.MRK421	300	12:08	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0132.MRK421	300	12:13	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0133.COMP	12	12:19	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0134.Pr11	1200	12:23	12:23:43.8	+12:28:27	300	-45	3.0	#135 Starburst	2	
0135.Pr11	1200	12:43	12:23:43.8	+12:28:27	300	-45	3.0	#135 Starburst	2	
0136.COMP	12	13:04	12:23:43.8	+12:28:27	300	-45	3.0	#135 Starburst	2	
0137.Pr252	900	13:07	13:30:39.5	+31:17:04	300	15	3.0	#135 Starburst	2	
0138.COMP	12	13:23	13:30:39.5	+31:17:04	300	15	3.0	#135 Starburst	2	
0139.Pr252a	300	13:24	13:30:36.5	+31:17:10	300	15	3.0	#135 Starburst	2	
0140.COMP	12	13:29	13:30:36.5	+31:17:10	300	15	3.0	#135 Starburst	2	
0141.Feige34	120	13:33	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0142.COMP	12	13:36	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0143-0147.sky	2	13:59	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0148.COMP	5	14:00	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0149-0158.BIAS	0	14:02	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	

UT Date 2003-01-12 Observers M CalkinsColl. Focus 800 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0159-0168.FLAT	6	14:05	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0169-0178.BIAS	0	14:08	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0179-0188.FLAT	12	14:13	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0189-0198.DARK	900	16:31	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	